



INDIANA ENVIRONMENTAL STEWARDSHIP PROGRAM ANNUAL PERFORMANCE REPORT

State Form 53475 (R / 11-09)

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
ENVIRONMENTAL STEWARDSHIP PROGRAM

Indiana Department of Environmental Management
Office of Pollution Prevention and Technical Assistance
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www.IN.gov/idem/4132.htm

INSTRUCTIONS: Please use this annual report form if you are a member of the Indiana Environmental Stewardship Program (ESP). Your annual performance report should be reviewed and signed by a senior manager at your facility prior to submittal. Once signed, FAX, mail, or e-mail the report to IDEM. If you have any questions, please contact the ESP program manager at 1-800-988-7901.

The Indiana ESP annual performance report should demonstrate progress toward objectives and targets AND certify ESP requirements continue to be achieved. Your annual performance report should cover the previous twelve (12) month calendar year and include the status of projects committed to in your facility's original ESP application, results of completed projects, and assurance that an annual internal environmental management system audit was conducted by your facility. Indiana ESP facilities must submit this annual performance report by April 1st of every year, for each calendar year in which the entity has been a member for at least three (3) full months.

Please do not include any confidential business information in your annual performance report. Public access laws require IDEM to make the Annual Performance Report publicly available, which may include posting all portions of your report on the Indiana ESP Web site.

| SECTION A | | FACILITY INFORMATION | |
|---|--|----------------------|--|
| Name of facility Bristol-Myers Squibb | | | |
| Name of parent company (If applicable) | | | |
| Street address (number and street) 4601 East Highway 62 | | | |
| City / State / ZIP code Mount Vernon, Indiana 47620 | | | |
| Facility/Company Web site http://www.mjn.com/ | | | |
| CONTACT INFORMATION | | | |
| Contact name (Mr. / Mrs. / Ms. / Dr.) Mr. Greg Luff | | | |
| Title EHS Specialist | | | |
| Telephone number 812-307-2389 | | | |
| FAX number | | | |
| E-mail address gregory.luff@bms.com | | | |
| Mailing address (if different from facility address) | | | |
| City / State / ZIP Code | | | |
| REPORTING PERIOD | | | |
| Reporting period dates (month, day, year) January 1 thru December 31, 2009 | | | |
| 1a. Is this the third Annual Performance Report of your membership term? <input checked="" type="checkbox"/> Yes—If yes, answer question 1b. <input type="checkbox"/> No—If no, skip to the "Change in Information" section of this report. | | | |
| 1b. Do you wish to renew your Indiana Environmental Stewardship Program membership? <input checked="" type="checkbox"/> Yes—If yes, please complete all sections of this annual report. <input type="checkbox"/> No—If no, please complete all sections of this annual report except for Section D. | | | |
| CHANGE IN INFORMATION | | | |
| In your ESP application and, perhaps, in previous annual performance reports, you described what your facility does or makes. Have there been any changes or additions to your facility's list of products or activities? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If yes, please describe them: There have been no changes or additions to the Bristol-Myers Squibb (BMS) products or activities as previously described under the ESP membership. However, BMS sold its interest in Mead Johnson Nutrition (MJN) in December 2009. Prior to the split from MJN, the ESP membership was listed under Mead Johnson in Evansville and included activities associated with both MJN and BMS at locations in Evansville and Mount Vernon. BMS is now seeking renewal of our Charter Membership in the ESP program as a separate entity located at the Mount Vernon facility. This report will include information on combined results from 2009, but the separation from MJN will impact our disposal and recycling numbers going forward and 2010 will become our new baseline. | | | |

SECTION B

ENVIRONMENTAL MANAGEMENT SYSTEM ASSESSMENT

Why do we need this information?

IDEM needs information on the performance and assessment of your Environmental Management System (EMS).

What do you need to do?

Please summarize your facility's EMS assessments. Attach additional documents if more space is needed.

1. Is your facility currently registered to a recognized third-party EMS standard?

☐ Yes—If yes, when was an EMS audit or other assessment last conducted by an independent third party at your facility?

Type (e.g., ISO 14001 certification) _____

Scope of the audit _____

Month / year _____

☒ No—If no, when was an internal or corporate EMS audit last conducted at your facility?

Scope of the audit ESP Independent Assessment Protocol

Month / year February 2010 (Copy attached)

2. When did your facility last conduct an internal or corporate environmental compliance audit? Do not include inspections or site visits by regulatory organizations.

Scope of the audit RCRA, CAAA, CWA, OPA, CERCLA/SARA/EPCRA, TSCA-PCBs, HAZCOM, FIFRA, DOT, NRC, DHS

Month(s) / Year(s) February 2010

Who conducted the audit(s) (e.g., facility staff, corporate, third party) Third Party

3. (Optional) Please describe any other audits that were conducted at your facility. BMS is subject to various corporate audit programs, with the last formal EHS audit having been conducted in 2007. BMS is regulated by the U.S. Food and Drug Administration (FDA) and is routinely subject to FDA audits. BMS is also subject to routine compliance and conformance audits by the European Union.

4. Has your facility corrected all instances of potential environmental non-compliance and EMS non-conformance identified during your audits and other assessments?

☒ Yes—If yes, briefly summarize corrective actions taken and other improvements made as a result of your EMS assessment(s) or compliance audit(s).

Bristol-Myers Squibb (BMS) divested itself of the former MJN subsidiary in December 2009. The MJN location in Evansville had primary responsibility for managing the EMS system for our site prior to the divestiture. BMS continues to operate the previous system as we develop and work through implementation of an independent EMS. BMS is currently in the process of approving a revised EMS and will be conducting our first independent evaluation of environmental aspects.

Adequacy of secondary containment for SPCC-regulated containers has been re-evaluated and adequate containment provided.

The US EPA ECHO database Case #05-2005-4561 was settled on May 5, 2009. The case resulted from a voluntary disclosure of potential violations of ozone-depleting regulations, primarily associated with operations at locations of the Mead Johnson subsidiary.

☐ No—If no, please explain your plans to correct these instances.

☐ No such instances identified.

5. Explain the emergencies experienced within the facility during the past year. Were the applicable emergency and contingency plans detailed in the EMS effective? What changes, if any, have been made to your facility's emergency or contingency plans? The facility experienced no emergencies during 2009

6. When was the last Senior Management review of your EMS completed?

Month / Year February 2010

Who headed the review? Name and title Scott Gaddis, EHS Director

7. When did your facility last conduct a systematic identification or review of your environmental aspects?

Month/Year The last formal evaluation of BMS environmental aspects was conducted during early 2009 under the shared EMS. Since the divestiture from MJN in December 2009, BMS developed a draft protocol (Section 4.2.1 of the draft EMS SOP, ADM.SOP.0.18) for the identification and assessment of our environmental aspects. BMS is currently in the process of approving the draft protocol and will then conduct our first independent aspect evaluation.

8. (Optional) Please provide a narrative summary of progress made toward EMS objectives and targets other than those reported as an Environmental Performance Initiative in Section C. You may limit the summary to environmental aspects that are *significant* and towards which *progress* has been made during the last calendar year. Attach additional sheets as necessary.

| Environmental aspect | Progress made this year (e.g., quantitative or qualitative improvements, activities conducted) |
|---|---|
| Non-Hazardous Waste Minimization | <p>During 2009:</p> <p>32070 drums were recycled into manufacturing versus disposal to landfill.</p> <p>59.6 Tons of Paper were recycled.</p> <p>155.4 Tons of Cardboard were recycled.</p> <p>1053 Tons of off-specification nutritional product was collected and sent for re-use as animal feed.</p> <p>487.44 Tons of pallets were cleaned for re-use instead of being discarded.</p> <p>108.5 Tons of metals were recycled.</p> <p>7.2 Tons of Used Oil from equipment were recycled.</p> <p>7194 Units/Spent Lamps were recycled.</p> |

| | |
|------------|---|
| | <p>1.3 Tons of plastic beverage containers.</p> <p>Employees brought in 5603 pieces of electronics to be recycled as part of Earth Day activities at the Evansville campus.</p> <p>Non-Hazardous waste - 150 tons discarded which was a 15% reduction from 2008 volumes. Note - no significant changes to programs, but consolidation of BMS pharmaceutical manufacturing operations at the Mount Vernon campus impacted all the 2009 recycling programs. Baselines will have to be re-established for BMS operations at the Mount Vernon campus in 2010.</p> |
| Water Use | Wastewater discharge to the Mount Vernon POTW was equivalent to the amount discharged in 2008 eventhough there was an increase in production. |
| Energy Use | <p>Purchased electricity was reduced by 6% compared to 2008.</p> <p>Gasoline fuel usage was reduced by 85% compared to 2008.</p> <p>Diesel fuel usage was increased by 55% compared to 2008 due to natural gas line replacment and ability to separate fuel receipts from Evansville facility to show actual usage.</p> |

SECTION C

ENVIRONMENTAL IMPROVEMENT INITIATIVE RESULTS

Why do we need this information?

Facilities need to share the results of the environmental improvement initiative that was pursued during the reporting period.

What do you need to do?

Summarize your facility's progress on achieving the initiative you identified in the application or last year's Annual Performance Report.

| Category <u>Waste</u> Indicator <u>Non-Hazardous Waste</u> | Baseline Quantity | Future Goal Quantity | Current Quantity | Cost Savings |
|---|-------------------|----------------------|------------------|--------------|
| Calendar year | 2008 | 2009 | 2009 | na |
| Actual quantity (per year) | 15,200 | 15,000 | 19,880 | |
| Normalized quantity (per year) | na | na | na | |
| Basis for your normalizing factor (e.g., gallons of paint produced) | na | | | |
| Measurement unit (e.g., pounds) | Pounds | | | |

Briefly describe how you achieved improvements for this environmental initiative or, if relevant, any circumstances that delayed progress.
Other plastic shrink wrap wastestreams were identified to increase the amount of plastic shrink wrap recycling by 4,680 pounds (2008 vs 2009)

Please list any state, U.S. EPA, or other partnership programs to which you are reporting this data (e.g., Energy Star, Project XL).
na

(Optional) If your facility has experienced continued results for environmental improvement initiatives pursued in past years of ESP membership, please share those results here.

We continue to improve environmental performance in several areas: please refer to Section B. Item 8.

SECTION D

ENVIRONMENTAL IMPROVEMENT INITIATIVES

Why do we need this information?

Facilities need to show they are committed to improving their environmental performance.

What do you need to do?

Identify your facility's next environmental improvement initiative. Refer to the Environmental Performance Table and answer the following questions.

- 1a. What **category** have you selected from the Environmental Performance Table? Waste
- 1b. What **indicator** have you selected from the Environmental Performance Table? Non-hazardous Waste Generation
- 1c. All measurements should represent the performance level for the indicator across the entire facility. For many indicators, you may choose to focus your initiative on a specific subset of the indicator (e.g., a specific material, process, VOC, group of toxic air emissions, or particular waste component). Does your initiative include everything covered by the indicator (e.g., all VOCs, all non-hazardous waste), or a specific process, substance, or component (e.g., ethane, cardboard)?

☒ All
☐ Specific
 If your initiative is specific to a substance or component, please provide additional detail on your indicator (e.g., specific chemical to be reduced, specific waste component). _____

- 1d. What activities or process changes do you plan to undertake at your facility to accomplish your initiative (e.g., technology changes in a particular process line, employee training)? Identify new re-use & recycling opportunities
2. Does this initiative address a significant aspect in your EMS?

☒ Yes
☐ No—please explain why you believe this indicator should be included as an environmental improvement initiative: _____

3. Are you subject to Federal, State, tribal, or local regulatory requirements for this indicator?

☐ Yes—please explain how your initiative exceeds regulatory requirements: _____

☒ No

Stop! If the category listed in Question 1a is Energy Use, Waste, or Air Emissions for Total Greenhouse Gases, please skip Questions 4a – 4b below and turn to Appendix 1 to complete the questions pertaining to the category you listed in Question 1a. After completing the respective table in Appendix 1, return to this section and complete questions 5 and 6. Otherwise, continue answering questions 4-6 below.

4a. What units are you using to quantify this indicator? _____

4b. List the baseline annual quantity of the indicator and the annual quantity you are committing to achieve by the future year.

_____ Baseline quantity Year _____

_____ Future year quantity (not including production) Year _____

5. Does the quantity presented in the future quantity column represent an absolute goal or a normalized goal?

☒ Normalized goal (i.e., indexed to level of business in baseline year)

☐ Absolute goal (i.e., demonstrates improvement even if production increases)

6. Whether your goal is absolute or normalized, you need to provide normalizing factors and normalized quantities in your annual performance reports. Please briefly describe your basis for normalizing. Examples of potential normalizing basis include: gallons of paint produced, square feet of circuit boards sold, number of patients seen, dollars of sales adjusted for inflation, or number of employees (for R&D and administrative sites only).

BMS will normalize based either on mass or value of

products manufactured during the respective years.

SECTION E

PUBLIC OUTREACH AND PERFORMANCE REPORTING

Why do we need this information?

IDEM needs to know how environmental information was shared with the public.

What do you need to do?

Describe how the facility has shared and plans to share environmental information.

Please briefly describe the activities that your facility conducted during this reporting period to interact with the community on environmental issues and to report publicly on its environmental performance.

Issued a press release on June 3, 2009 "Mead Johnson Now Using Green Technology to Power Facility" announcing the actual conversion from using natural gas to fire their boilers to using methane generated from the local landfill.

Please indicate which of the following methods your facility plans to use to make its ESP Annual Performance Report available to the public. Please check as many as appropriate.

☒ Web site (<http://www.mjn.com/>) ☐ Open house ☐ Meetings ☒ Press releases ☐ Community advisory panel

☐ Other

SECTION F

ADDITIONAL INFORMATION

Why do we need this information?

This information will help IDEM to effectively manage the Environmental Stewardship Program.

What do you need to do?

Answer the questions as completely as possible.

1. In addition to ESP, please list environmental awards received or voluntary programs participated in during the past twelve months.

2009 John Biasini Environmental Excellence Award - Energy/Renewable Resources - Honorable Mention

2. Has your facility taken advantage of any ESP incentives? If so, please describe the implementation process and list additional benefits IDEM should consider.

We would like to see IDEM increase efforts to coordinate meetings between ESP member (and potential member) facilities to share information on successful environmental initiatives.

3. If your facility was not registered to the ISO 14001 standard prior to becoming an ESP member, has ESP helped you to pursue registration? If so, how has ESP been instrumental in achieving registration?

At the present time, we do not believe registration to the ISO 14001 standard would produce any tangible improvement in our sustainability efforts.

CERTIFICATION AND PLEDGE

On behalf of (name of facility) Bristol-Myers Squibb

I certify that the information contained in this Annual Performance Report and attachments is accurate to the best of my knowledge and that this facility is, to the best of my knowledge and based on reasonable inquiry, currently in compliance with all applicable federal, state, and local environmental requirements, or has a corrective action program in place to attain compliance.

We, Bristol-Myers Squibb, commit to maintaining the principles and goals outlined in our Environmental Management System for our facility's Indiana Environmental Stewardship Program status. We agree to strive for full compliance with all regulations promulgated by the U.S. EPA, state, or local jurisdictions. We agree to promote the Indiana Environmental Stewardship Program and to share our success stories with other facilities. We understand that the Annual Performance Report must be submitted to IDEM by April 1st of each year and that we must reapply to the Indiana Environmental Stewardship Program every three years.

I understand that the information provided in this Annual Performance Report will be public record. I am the senior facility manager or authorized facility signatory, and fully authorized to execute this statement on behalf of the corporation or other legal entity whose facility is submitting this Annual Performance Report.

Signature

Printed signature
Bill Mitchell

Title
Executive Director and General Manager, Indiana
Technical Operations

Date (month, day, year)

Please mail, fax, or e-mail your completed Environmental Stewardship Program Annual Performance Report to:

IDEM-OPPTA
ESP Program Manager
MC 64-00, Room IGCS W041
100 North Senate Avenue
Indianapolis, IN 46204-2251

FAX: 317-233-5627
E-mail: esp@idem.IN.gov

Energy use - non-transportation

In the table below, please enter the amount of energy that you currently use and that you intend to use in your future reporting year. Break the energy use down by fuel type. Please note that you need only complete those lines that are relevant to your facility. If all of your energy is purchased from a local electricity generator, you may only need to complete the first line. If the facility uses natural gas, please be sure to complete the appropriate line (natural gas is typically combusted on site so it is listed in the "onsite" section). After completing the table, return to question 5 and complete the remaining application questions.

4a. Is the goal of your energy use commitment to:

☐ Reduce hazardous waste ☐ Improve waste management methods ☐ Combination of both strategies

4b. How much energy of each type does your facility use?

| | | Baseline year 20 | Future year 20 | Units |
|--|--|---------------------|-------------------|-------|
| Energy Generated Off-Site | Electricity | | | |
| | Steam | | | |
| | Total energy generated off-site | | | |
| Sources of Energy Generated On-Site | Coal | | | |
| | Natural gas | | | |
| | Crude oil | | | |
| | Fuel oil | | | |
| | Diesel | | | |
| | Propane / LPG | | | |
| | Gasoline | | | |
| | Hydrogen powered fuel cells | | | |
| | Natural gas / methane powered fuel cells | | | |
| | Biomass | | | |
| | Solar | | | |
| | Wind | | | |
| | Landfill gas | | | |
| | Geothermal | | | |
| | Hydroelectric | | | |
| | Tire derived fuel | | | |
| | Other fuel or source Specify: _____ | | | |
| | Total energy generated on-site | | | |
| Total renewable energy use | | | | |
| Total non-renewable energy use | | | | |
| Total energy use | | | | |
| Metric tons of CO2 equivalents | | | | |
| Metric tons of CO2 equivalents | | | | |
| Offset through purchases of electricity from renewable off-site sources | | | | |
| Net metric tons of CO2 equivalents | | | | |

Waste - Non-hazardous waste generation

In the table below, please enter your facility's amount of non-hazardous waste, broken down by waste management method. Please enter both the amounts you manage currently and that you intend to manage in your future reporting year. "Waste" is defined as all materials sent off-site that are neither product nor product packaging. After completing the table, return to question 4 and complete the remaining application questions.

4a. Is the goal of your non-hazardous waste commitment to:

☐ Reduce hazardous waste ☐ Improve waste management methods ☒ Combination of both strategies

4b. How much of your waste is handled using each management method?

| Method of waste managed | Baseline year 2007 | Future year 2010 | Units |
|-----------------------------------|-----------------------|---------------------|-------------|
| Landfill | 593 | 534 | Tons |
| Incineration | 0 | | |
| Reused/recycled off-site | 9 | 10 | Tons |
| Other management - specify: _____ | 0 | | |
| Total non-hazardous waste | 602 | 544 | Tons |

Waste - Hazardous waste generation

In the table below, please enter your facility's amount of hazardous waste, broken down by waste management method. Please enter both the amounts that you manage currently and that you intend to manage in your future reporting year. Include all hazardous waste that is treated on-site or sent off-site. After completing the table, return to question 4 and complete the remaining application questions.

4a. Is the goal of your hazardous waste commitment to:

☐ Reduce hazardous waste ☐ Improve waste management methods ☐ Combination of both strategies

4b. How much of your hazardous waste is handled using each management method?

| Method of waste managed | Baseline year 20____ | Future year 20____ | Units |
|------------------------------------|-------------------------|-----------------------|-------|
| Landfill | | | |
| Incineration | | | |
| Reused/recycled off-site | | | |
| Treated on-site | | | |
| Other management specify: _____ | | | |
| Total hazardous waste | | | |

Air emissions – Total greenhouse gases

In the table below, please enter your facility's amount of greenhouse gases, broken down by process and source. Please enter both the amounts that you manage currently and that you intend to manage in your future reporting year. After completing the table, return to question 4 and complete the remaining application questions.

4a. Is the goal of your Total Greenhouse Gases commitment to:

☐ Reduce energy use ☐ Reduce process-related emissions ☐ Combination of both strategies

4b. How much greenhouse gas does your facility emit from each source?

| Source | | Baseline year 20____ | Future year 20____ | Units |
|-----------------------------|---|-------------------------|-----------------------|-------|
| Direct Emissions | Stationary combustion | | | |
| | Mobile sources | | | |
| | Refrigeration/AC equipment use | | | |
| | Process/Fugitive Specify source: _____ | | | |
| | Process/Fugitive Specify source: _____ | | | |
| | Process/Fugitive Specify source: _____ | | | |
| | Total direct emissions Process/Fugitive | | | |
| Indirect Emissions | Purchased electricity | | | |
| | Purchased steam | | | |
| | Purchased hot water | | | |
| | Total indirect emissions | | | |
| Optional Indirect Emissions | Other Specify source: _____ | | | |
| | Other Specify source: _____ | | | |
| | Other Specify source: _____ | | | |
| | Total optional indirect emissions | | | |
| Offsets | Offsets Specify source: _____ | | | |
| | Offsets Specify source: _____ | | | |
| | Offsets Specify source: _____ | | | |
| | Total reductions from offsets | | | |
| | Total emissions less offsets | | | |
| Supplemental Information | Total CFC | | | |
| | Total HCFC | | | |
| | Total stationary combustion – biomass CO2 | | | |
| | Total mobile sources – biomass CO2 | | | |
| | Electricity trading transactions- electricity purchase for resale | | | |